SBR = 00023/2023-24

No. 9th RA bill 31/06/2023 Original/Duplicate/Triplicate

CONTRACT CERTIFICATE
(For Other Works)

BP: 00023/2023-24
31/06/2023

Division: **Electrical (Dasarahalli)** **JOB NO :015-22-000002** Sub-Division: **Electricals**

Head of Account : P0300 M & R to street lights-Replacement of burnt bulbs etc

Bill Received No. Dated Book Voucher No..... Dated...

Schedule Docket Name of Work :- Annual Maintenance of street lights package D-5 in T Dasarahalli ward no 15

Bill Period:01.04.2023 to 30.04.2023(1 Months)

Name of Contractor and Full Address:- M/s. PRASHANTH ELECTRICALS)

Reference to Agreement No:- EE/Ele/DZ/TEND/AG/000013/21-22 Date:16.03.2022

Reference to Work order No:- EE/Ele/DZ/TEND/WO/000005/22--23 Date:04.04.2022

Reference to Supplementatry Agreement No: EE/Ele/DZ/TEND/SAG/25-.22-23 Date:24.03..2023

Reference to Supplementatry Work order No:- EE/Ele/DZ/TEND/SWO/31-22--23 Date:24.03.2023

Certified that the measurements were taken by me on 2/5/2023 and recorded of Pages 689583 to 9584 of measurement Book No. 6896 And that the work is satisfactorily executed

For PRASHANTH ELECTRICALS
Proprietor
Contractor

Officer-in-charge of work
Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike
Dasarahalli Zone, Bengaluru

Certified that the measurement were taken by me on 3/5/2023 and found correct The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

1)	Total value of work done or supplies made as per account within	Upto this	222675.72
2)	Deduct amount to be held in reserve being ..... percent Rs.....	Previous	2104238.35
3)	" Balance	Present	123437.37
4)	Deduct Payment:	TWD	119969=00
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT	1200=00
		CGST	1200=00
		SGST	1200=00
		LWC	1200=00
		CBF	120=00
		Soap	2469=00
		Fine	1000=00
b)	Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	deduct	8589=00
5)	Balance being unpaid value of work done held in reserve.	Grand	115048=00
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7)	Net amount due to or from Contractor adjustments items.	un	
8)	Advance to Contractor for materials brought to site (as detailed) within. Value of Government materials supplied.		

Total amount adjusted -

For PRASHANTH ELECTRICALS
Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

For PRASHANTH ELECTRICALS
Proprietor
Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Proprietor
Audited and passed for Rs. 123437/-
Passed by Cheque for Rs. 115048/-
(For use in the Office)
(One lakh fifteen thousand forty eight Only)
by adjustment Rs. 8389/-

Accounts Superintendent Exe. Engineer (Ele)

B.B.M.P. Dasarahalli Division

Scanned with OKEN Scanner

Sl. No.	Description of item	Unit	Previous Measurement		Present Measurement				Total Upto Date		Remarks
			Qty.	Cost	Qty.		Rate Rs. P.	Amount	Qty	Cost	
	Name of work:-Annual Maintanance of street lights package D-5 in T. Dasarahalli ward no 15						1 Months		Upto Date paid so for X 13months		
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system	Each	30X12Months	8568.00	0	685.45/12=57.12	57.12	0.00	30X13Months	8568.00	
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system	Each	12X12Months	9074.88	12	756.29/12=63.02	63.02	756.24	12X13Months	9831.12	
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below Poles with 250W HPSV street lighting system.	Each	851X12Months	867509.40	851	1019.41/12=84.95	84.95	72292.45	851X13Months	939801.85	
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system.	Each	36X12Months	40249.44	36	1118.08/12=93.17	93.17	3354.12	36X13Months	43603.56	
5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank , furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system.	Each	473X12Months	416221.08	473	880.01/12=73.33	73.33	34685.09	473X13Months	450906.17	
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device., Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank , furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system.	Each	49X12Months	56218.68	49	1147.43/12=95.61	95.61	4684.89	49X13Months	60903.57	
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device., Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank , furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system	Each	27X12Months	37198.44	27	1377.66/12=114.81	114.81	3099.87	27X13Months	40298.31	
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers MCPCB surge protective device., Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering Preparing ward wise street wise street light data bank , furnishing maintenance reports every day etc complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Each	0	0.00	0	0	0	0.00	0	0.00	

Scanned with OKEN Scanner

9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device., Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards and , switching ON/OFF of street lights at specified timing and Pole numbering . Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc. complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system.	Each	0	0.00	0	0	0	0.00	0	0.00	
10	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility 300mmx450mmx214mm	Each	10	51270	0	0	5127.00	0.00	10	51270.00	
11	Supply and fixing of 4pole power contactor with NO,NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each	22	158400	0	0	7200.00	0.00	22	158400.00	
12	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 50-63 Amps SP	Each	24	17352	0	0	723.00	0.00	24	17352.00	
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers	Each	24	96720	0	0	4030.00	0.00	24	96720.00	
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments 6 sqmm	Mtr	10	700	0	0	70.00	0.00	10	700.00	
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes 6 sqmm	Each	100	700	0	0	7.00	0.00	100	700.00	
16	1.1 KV, LT Aerial Bunched Cable, confirming to IS-14255 1995 XLPE insulation Parameter shall be as below 1. Hot Set Test a) Elongation under Load: 50% (Max) b) Permanent Elongation After Cooling: 3% (Max) 2. Thermal Aging in oven a) Tensile Strength: 16 N/mm^2 (Min) b) Elongation: 375% (Min) 3. Water Absorption Test a) Water absorbed: 0.5 mg/cm^2 (Max) 4. Carbon Black Content shall be ranging from 2% to 3% 3x25 + 1x25 + 1x16 Sqmm Street light (Insulated Messenger cum Neutral)	Km	1.4	205800	0	0	147000.00	0.00	1.4	205800.00	
17	Stringing of 1.1 KV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor + (1x70) (Insulated Messenger Neutral) + (1x25) (Street Light Control)	Km	1.4	31457	0	0	22469.00	0.00	1.4	31456.60	
18	Supplying of 1.1 KV, LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1. Armouring strip thickness in average +5% and resistivity 24 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtrs	195	29250	0	0	150.00	0.00	195	29250.00	
19	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required On wall /Structure 6 sqmm to 16 sqmm	Mtrs	195	5850	0	0	30.00	0.00	195	5850.00	
	Sub Total			2032538.52				118872.66		2137146.46	
	Add GST 18%			71699.83	-12%		14264.72	104607.94	ADD 6%	90529.26	
	Total			2104238.35	18%		18829.43	123437.37		2227675.72	
	Fine imposed for non burning of street lights For the period of 01.04.2023 to 30.04.2023 and GPS time violation. Penalty for the present bill			21500.00				1000.00		22500.00	
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material			28700.80				2468.75		31169.55	
	GRAND TOTAL			2054037.55				119968.62		2174006.17	

1 Certificate

The above said monthly maintenance work has been carriedout satisfactorily

Assistant Engineer (Ele)
Bruhath Ben... Mahanagara Palike
Dasarahalli Zone, Bangalore

ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Scanned with OKEN Scanner